INDEX TO VOLUME VI.

ORIGINAL COMMUNICATIONS.

A CASE of laryngectomy with specimen, 418.

A case of perichondritis of the thyroid cartilage, 155.

A new chromic acid applicator, 422.

A new method for the relief of nasal stenosis, 423.

A new nebulizing device, 158.

A study of three hundred and fifty cases of ear diseases, 56.

Adenoid growths in deaf mutes; together with some observations on the etiology of deaf-mutism, 395.

Adenoid vegetations, 166.

Angio-neurotic edema and certain vasomotor and trophic disturbances of the mucous membrane of the respiratory tract, 425.

CASE of suppurating mastoiditis without involvement of the middle ear, simulating disease of the lateral sinus and jugular vein, 239.

Contribution to the etiology of pulmonary tuberculosis, 1.

Croupous rhinitis, 249.

DISEASES of the glosso-epiglottic spaces, 162.

Diseases of the labyrinth, 173.

EARLY operations for the closure of cleft palate, 39.

Empyema of the maxillary, ethmoidal and sphenoidal sinuses, attended by general septicemia following attempted removal of inferior turbinal body; operations, recovery; 289.

ON OSTEOMATA of the auditory canal, 52.

PYOGENIC brain disease, 43.

REPORT of a case of acute uvulitis, 417.

Report of a case of double mastoid disease, followed by abscess of the spheno-maxillary fossa and neck; recovery; 151.

THOROUGH exposure of the tympanum, 391.

Thrombosis of the petrosal, cavernous and circular sinuses occurring in scarlet fever and due to acute suppurative otitis media, 37.

Toxic paralysis of the chorda tympani nerve in middle ear operations, from the use of a strong cocain solution, 55.

Transillumination in diseases of the nose, throat and ear, 129.

Two cases of opening of the lateral sinus for infective thrombosis, with a table of operations performed previous to 1897, 381.

ABSTRACTS.

I.—EAR.

ABSCESS, a case of cerebral, 200.
Acute purulent otitis media complicated, 198.
Acute suppurative inflammation of the middle ear, 266.
Acute suppuration of the middle ear, 78.
Acute suppuration of the middle ear and its treatment, 458.
Affections of the ear a bar to military service, 438.
Air in the external auditory canal, 195.
Alveolar sarcoma of the cerebellum, 86.
Auditory hallucinations, 454.
Aural complications in mumps, 192.
Aural cysts, 441.
Aural and nasal hemorrhages in Bright's disease, 76.

BATHING as a cause of aural disease, 267.
Bezold's mastoiditis with pyemic symptoms, 445.
Bilateral otitis media purulenta acuta; thrombosis of left lateral sinus, 450.

CAN YOU cure deafness caused by "catarrh"? a reply; 180.
Carotid canal in practical otology, 183.
Cerebellar abscess, 194.
Cerebellar abscess after acute otitis media, 61.
Cerebral suppuration caused by middle ear infection, 434.
Cholesteatoma of the right middle ear; death; 191.
Cholesteatoma and cholesteatoid affections in temporal bone, 83.
Chloroma of both temporal bones, 447.
Chronic suppurative otitis media, 193.
Chronic suppuration of the middle ear, 279.
Chronic suppuration of the middle ear, 263.
Chronic tympanic vertigo, 66.
Concretion in the ear in chronic middle ear suppuration, 436.
Contribution to surgery of the ear, 438.
Contribution to the otogenous cerebral abscess, 72.

Deaf-mutism, operation, adenoid vegetations, 197.
Deaf-mutism of probable syphilitic origin, 71.
Deafness following cicatrization of the tympanum, 271.
Dry heat in middle ear disease, otalgia, etc., 460.
Deafness, a new method of treating, 265.
Diphtheria, middle ear and sphenoid sinus in true, 275.

EARACHE, 262.
Examination of the ear in children; diagnosis of deafness, 263.

FACIAL nerve affected by ear disease, 280.
Facial paralysis of otitic origin, 445.
Foreign body in the auditory canal, 80.
Foreign body in the ear, 190.
Foreign body in ear, 76.
Fracture of the anterior-inferior wall of the external auditory canal, 182.
Fracture of the auditory meatus and the inferior maxilla, 276.
Furunculosis of external auditory meatus, 192.

GENERAL pyemic infections following aural suppuration, 63.
Giddiness and staggering in ear disease, 262.

HEAD obstruction with reference to aural disease, 452.
Hematoma of external auditory canal, 61.
Hyperostosis of the external auditory meatus, 187.
Hysterical dysbasia with hysterical otalgia, 75.

Insanity complicated by hematoma aurium, 67.
Intra-cranial complications of suppurative diseases of the middle ear, 277.

KERATOSIS obturaus, 187.

LATERAL sinus thrombosis, 451.
Liquid vaseline injected into the tympanum 85.
Lupus of the left auricle, 440.

MALIGNANT, pilocarpin in, 433.
Malignant tumor of the brain, 434.
Massage in the treatment of otitis media chronica, 459.
Mastoid fistula, trephining in, 65.
Mastoid involvement complicating acute middle ear suppuration, 198.
Mastoid suppuration, 194.
Mastoiditis, a case of Bezold's, 192.
Mastoiditis, Bezold's, 77.
Mastoiditis with thrombosis of the lateral sinus, 439.
Means of recognizing minute perforations of the tympanic membrane, 284.
Meniere's disease, a typical case of, 68.
Middle ear; curette and ossicle forceps, 262.
Myositis of the sterno-cleido-mastoid muscle, 79.

NON-OPERATIVE treatment of chronic suppurative disease of the antrum and tympanum, 461.
New ear forceps, ear syringe tip, and obstructor and ear speculum, 179.
New method of dealing with the external meatus, 80.

Occlusion of the external auditory canal and its treatment, 281.
Operative cure of otitic lateral sinus phlebitis, 264.
Operative technique in otitis cerebral abscess, 267.
Otitic brain abscess in the occipital lobe, 453.
Otitic cerebral abscess in the occipital lobe, 82.
Otitic cerebral abscess, 276.
Otitic cerebellar abscess; death; autopsy; 193.

Otitic pyema, a case of, 266.
Otitis media purulenta, extension into skull and the back of neck, 199.
Otitis media purulenta on the left side, 190.
Otitis media serosa, 180.
Oto-massage, 78.
Oto-massage in suppuration of the ear, 81.

Peri-petrous suppuration, 67.
Perception of sound waves in fishes, 79.
Papilloma of the septum nasi, 280.
Perforations of the drum membrane, 69.
Primary epithelioma of the middle ear, 444.
Pyema after acute suppuration of the ear, 84.

RELATIONS of affections of the upper air passages to diseases of the ear, 192.
Report of clinical cases, 277.
Report of cases of complications of middle ear suppuration, 457.
Respiratory closure of the exposed lateral sinus and air embolism, 448.

SECONDARY cholesteatoma of the antrum and mastoid region, 195.
Stenosis of the external auditory meatus, 276.
Subjective sensations of sound, 76.
Subperiosteal squamo-mastoid abscess, 192.
Suppurative otitis media complicated, 282.
Surgical treatment of deafness, 68.
Syphilitic affections of the ear, 75.
Syphilis of the ear, 447.

THE ANATOMICAL topography of the ear, 84.
The chemical analysis of cerumen, 450.
The conducting portion of the labyrinth, 264.
The history and necropsy of a case of fibro-sarcoma of the naso-pharynx and middle cerebral fossa, 274.
The "mastoid" antrum a part of the middle ear, 66.
The modern pathology and treatment of acute otitis media, 82.
The rapid dilatation of strictures of the eustachian tube by electrolysis, 442.
The treatment of chronic suppuration of the ear, 437.
Temporo-sphenoidal abscess, 81.
Tests for hearing, 63.
Three fatal cases of otitic brain disease, 454.
Thrombosis of several sinuses of the brain and of the jugular vein, 273.
Thrombosis with pyema, 283.
Traumatic perforation of the membrana tympani, 278.
Treatment of adhesive middle ear processes with thyroidin, 180.
Treatment of otorrhea from the special point of eudocranial complications, 70.
Treatment of suppurative and non-suppurative middle ear inflammations, 442.
Trephining petrous bone for revolver bullet, 85.
Tubercular caries of the middle ear, 271.
Tuning forks, 185.

UNINTENTIONAL removal of a polypus of the membrana tympani, 439.

WHY IS suppurative otitis so frequent and mastoiditis so rare, 444.

II.—NOSE AND NASO-PHARYNX.

ABSCESS of the nasal septum with report of four cases, 213.
Adenoid vegetations, influence of on the growth and configuration of the upper maxilla and septum, 464.
Adenoid vegetations, influence of on the development and formation of the upper jaw and septum, 466.
Advantages in the treatment of atrophic rhinitis, 95.
Atrophic rhinitis, 463.

CASE OF congenital malformation of the nose, 296.
Cerebral abscess following suppuration of the frontal sinus, 98.
Chronic inflammation of frontal sinus, 87.
Chronic rhinitis and the erectile tissue of the nose, 212.
Clinical study of the adenoids; 618 cases, 285.
Congenital occlusion of the right naris posteriorly, 295.
Correction of external and internal deformities of the nose, 286.

DIRECT inspection and treatment of the pharyngeal tonsil and salpingo-pharyngeal fold, 207.
Diagnostic and therapeutic considerations of upper air tract, 295.
Diagnosis and treatment of affections of the frontal sinus, 467.

ELECTROLYSIS as a treatment for deviations, spurs and ridges of the nasal septum, 86.
Empyema of the antrum of Highmore, 291.
Etiology of inflammation of the accessory sinuses of the nose, 469.
Eucain hydrochlorate as a local anesthetic in hypertrophic rhinitis, 296.
Excision of the tonsil by means of the galvano-cautery snare, 466.
Fibro-chondromata of bronchial origin, 214.

HEADACHES from nasal causes, 475.
Hemorrhage following removal of a superior turbinated body, 93.

IMPROVED method of cocain anesthesia, 294.
Infantile atresia of the nasal fossa, 297.
Inhalation of formalin for catarrh and other diseases of the respiratory tract, 288.
Interesting nose and throat cases, 213.

MALFORMATION of the nose, a case of curious, 215.
Modification of Bosworth's nasal and aural snare, 201.
Myxofibroma, a case of, 294.

NASAL fractures and deformities, a new splint for, 289.
Nasal obstruction and the symptoms of cardiac disease, 208.
Nasal obstruction in the newborn, a case of, 295.
Naso-pharyngeal adenoids, 461.
New operation for the correction of deflections of the nasal septum, 92.
Non-fetid ozena and chronic aural catarrh, 90.
Nose, a case of sarcoma and carcinoma of, 206.

OCCLUSION of the nose from teritary syphilis, 291.
On the operation of post-nasal adenoid growths, 471.
On the nasal origin of melæna neonatorum, 289.
Ophthalmoscopic diagnosis of cerebral complications of sinusitis, 475.
Ozena, a new treatment of, 288.
Ozena cured with injections of Roux's serum, 294.

PATHOLOGY and treatment of ozena, 91.
Pathological anatomy of ethmoid disease, 209.
Perichondritis of the nose, 206.
Photography of the nasal cavities and larynx by means of Roentgen rays, 215.
Primary cancer of the naso-pharynx cured by injections of alcohol, 290.
Primary syphilitic lesion in the nasal mucous membrane, 470.

REMOVAL of the anterior extremity of the inferior turbinate as an alternative of tubinectomy, 207.
Results of a bacteriological investigation of the nasal mucus, 216.
Rhinoliths due to cherry stones, 465.

SCARLET fever, the nose and throat in, 287.
Some remarks on adenoids with cases, 290.
Splint for nasal fractures and deformities, 474.
Statistics of operations on the nose and larynx in the hospital at Lariboisiere, 466.
Subacute inflammation of the frontal sinus, 463.
Supplementary course of treatment required for chronic nasal inflammation, 94.
Suppurative inflammation of the frontal sinus, 296.
Surgical therapeutics in rhinology, 203.

THE DIATHETIC origin of tissue overgrowths in the pharynx of the child, 210.
The frontal sinuses of 120 skulls from a surgical aspect, 96.
The pathology, diagnosis and treatment of atrophic catarrh, 212.
The purulent catarrh of adolescents, 211.
The relation of certain nasal conditions to the pain during menstruation and parturition, 204.
The removal of large neoplasms of the naso-pharynx and antrum maxillare, 297.
The sequelæ of grippe, involving the accessory cavities of the nose, 463.
The sub-mucous linear chemical cauterization for hypertrophies of the turbinals, 94.
The symptoms and treatment of chronic suppuration of the maxillary antrum, 462
To what extent does the hypertrophied pharyngeal tonsil atrophy, 210.
Treatment of chronic sinusitis frontalis, 202.
Treatment of suppurative diseases of the accessory sinuses and ear by ozone gas, 474.
Turbinotomy and the spokeshave, 204.

ULCERATION of the nasal septum, 202.

WHY ARE operations upon the turbinated bodies becoming less frequent, 214.
Worms in the nostrils, 471.

III,—MOUTH AND PHARYNX.

A SIMPLE means of throat examination, 303.
Accessory goitre at the base of the tongue, 304.
Adeno-carcinoma of the soft palate with a pedicle 217.
Articular rheumatism following tonsillitis, 299,

BACTERIOLOGICAL examinations of 201 cases of tonsils of Meyer (adnoids), 299.
Bacteriological finding in angina lacunaris, 302.
Black tongue, a case of, 221.

CASE OF follicular tonsillitis due to milk infection, 298.
Cleft palate, a case of inherited, 102.
Crossed hemiplegia and paralysis of the pharynx, 306.

EXTIRPATION of the tongue for epithelioma by Kocher's method, 219.

FIBRO-MYXOMA of the upper surface of the palate, 298.

INSTRUMENTS used in tonsillotomy by electro-cautery dissection, 220.

LACHRYMAL and of the salivary glands of the mouth, 221.

Nervous deafness in diptheria, 306.

PEMPHIGUS chronicus vulgaris of the mouth and epiglottis, 475.
Plastic operation for restoring the lower lip, 218.
Prolonged diphtheria, 300.

RELAPSING sore tongue, 300.
Removal of the tonsils, floor of the mouth, and half of the toungue, 303.

SECONDARY hemorrhage subsequent to tonsillotomy, 301.
Streptococci sore throat in children, 306.
Study of rheumatic angina, 301.

THE BACILLUS of Friedlaender in pharyngitis and tonsillitis, 304.
The nature and treatment of quinsy, 298.
The treatment of hypertrophied tonsils, 306.
Tongue, foreign body in, 101.
Tonsils, tuberculosis of, 103.
Tonsils, malignant tumor of, 103.
Tuberculosis of the tonsils, pharynx and larynx, 305.

IV.—LARYNX.

AN ARTIFICIAL larynx, 311.
Acute infectious phlegmon of the larynx, 110.
Advantages of intubation ever tracheotomy, 108.

Anatomical examination of the stenosed larynx, 104.
Angina epiglottidea anterior, 481,
Angina epiglottidea anterior, 482.
Aphonia, three cases of functional, 311.

CANCER of the larynx, 310.

DIPTHERIA antitoxin, 483.

EARLY hereditary syphilis of the larynx in children, 477.
Effect of cigarette smoking on the respiratory mucous membrane, 232.
Examination of larynx and trachea without mirror, 109
Extirpation of the larynx for squamous-celled epithelioma, 228.

HEMORRHAGE from the larynx in a patient with alcoholic cirrhosis, 482.
Hypertrophy of the lingual tonsil removal by tonsillotome, 485.
Hysterical aphonia, 478.

IMPORTANCE of urinalysis to the laryngologist, 231.
Intra-laryngeal mycrosis, 484.
Intubation as an aid to tracheotomy, 478.
Intubation in adults, 483.

LARYNX, cancer of, 311.
Larynx in infants, a method of examining, 229.
Laryngeal and post-nasal photography with the aid of the arc light, 226.
Laryngeal disease, three cases of obscure, 308.
Laryngeal neoplasms, 230.
Laryngeal perichondritis complicating typhoid fever, 307.
Lead palsy of the laryngeal muscles, 225.
Lingosulphite in the treatment of laryngeal tuberculosis, 223.

MIRRORS, a simple method for preventing the dimming of, 232.
Multiple papilloma of the larynx in children, 478.

ON ONODI'S phonatory center, 227.
On tracheal tugging, 313.

PAPILLOMATA of the larynx, 309.
Paralysis of the recurrent laryngeal nerve, 313.
Post-mortem appearance of a laryngeal stenosis, 226.
Primary tuberculosis of the larynx, 221.

REMOVAL of a bead from a child's air passage, 231.

SALVINARY calculus in an abscess-sac in front of larynx, 111.
Simple and practical method to keep laryngeal mirrors from getting moist, 486.
Stenosis of the larynx and trachea, 109.
Surgical treatment of lupus of the larynx, 480.
Surgical treatment of tuberculosis of the larynx, 309.

THE EPIGLOTTIS as a pincushion, 308.
Tabes dorsalis with laryngeal crises and laryngeal vertigo, 481.
Toxic paresis of the laryngeal muscles, 106.
Tracheal injections in the treatment of laryngeal and pulmonary inflammations, 480.
Tracheal injections of creosote in laryngo-pulmonary tuberculosis, 224.
Traumatic intra-thoracic rupture of the trachea, 309.
Treatment of deaf-mutism by operation on the so-called adenoid vegetations, 482.
Treatment of tuberculosis of the larynx, 307.

V.—MISCELLANEOUS; THYROID GLAND; ŒSOPHAGUS, ETC.

ACUTE osteomyelitis of the upper jaw, simulating empyema of antrum, 488.
Anti-diphtheritic serum, 235.
Antitoxic serum in diphtheria, tests of, 117.
Antitoxin treatment of diphtheria, 113.

BONE in œsophagus, 237.
Bronchial asthma only during menstrual period, 119.

CAUSE and prevention of diphtheria, 115.
Cultures for bacteriological examination taken from nasal chambers as well as from the throat, 233.

DIAGNOSIS and treatment of laryngeal diphtheria, 114.
Diphtheria and its organism, soil in relation, 117.
Disarticulation and incision of the lower jaw, 321.

ENTEROPTOSIS and exophthalmic goitre, 321.
Eucain, 119.
Exophthalmic goitre and other vasomotor ataxias, 318.
External œsophagotomy for a toothplate in the œsophagus, 235.

FOREIGN body in the œsophagus and its detection by x-rays, 314.

GASTROTOMY and retrograde dilatation for cicatricial stenosis of the œsophagus, 320.
Gavage in infants, 313.
Goitre exophthalmic, 123.

HERPES zoster as a premonitory symptom of Tuberculosis, 322.
Hydrochlorate of eucain in rhinology, otology and laryngology, 488.
Hydrastis canadensis in bronchial catarrh, 317.

INCOMPLETE fracture of the left cornu of the thyroid cartilage, 237.
Internal œsophagotomy, 319.

MALIGNANT lymphoma, 486.

NITRATE of silver applied with cocain, 492.
Notes on foreign bodies in various regions, 120.

ON THE pathology of the thymus gland, 235.
On the treatment of Graves' disease by means of the thymus gland, 236.
Osteo-sarcoma of both superior maxillæ, 318.
Oxygen gas a local therapeutic, 489.

POISONING by lactophenin, 492.
Practical radiography in œsophageal surgery, 317.
Proper treatment of cut-throat wounds, 316.

RUPTURE of healthy œsophagus from vomiting, 319.

SERUM therapy in tuberculosis, 319.
Some investigations as to the virulence of diphtheria, 112.
Speech defects, 118.
Statistics on general anesthesia, 487.
Syphilitic stricture of the upper end of the œsophagus, 487.

THE FACULTY of speech, 315.
The Klebs-Loeffler bacillus in throats and noses, 233.
The micro-organisms of mumps, 315.
The production of diphtheria toxin, 116.
The surgery of the the thyroid gland, 238.
The treatment of epithelioma of the face by applications, 314.
The value of early intubation in pseudo-membranous croup, 234.
Treatment of goitre by parenchymatous injections, 490.
Treatment of venereal ulcers with itrol, 493.

VALUE of x-rays in medicine and surgery, 120.

X-RAYS in diagnosis, 119.

SOCIETY PROCEEDINGS, ETC., ETC.

PROCEEDINGS of the French otological society meeting, May, 3, 1897,. Translated by H. A. Alderton; 509.
Proceedings of the Austrian otological society meeting, January 26, 1897. Translated by H. A. Alderton; 494.
Proceedings of the American laryngological association at Washington, May 4, 5, 6, 1897; 323.
Proceedings of the French otological society, 1897, Translaied by J. Holinger; 376.
Proceedings of the American laryngological, rhinological and otological society, Washington, D. C., May 1 and 2, 1897; 349.

NOTES AND ANNOUNCEMENTS, 124, 241, 380.

BOOK NOTICES. 247, 380, 517.